

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	1	((Bump or ball) and aluminum and titanium and gold and nickel and vanadium) and etch and (gold adj solder)	USPAT; US-PGPUB
2	BRS	L2	0	257/737.ccls. and (Bump or ball) and nickel and vanadium and gold and (gold adj solder)	USPAT; US-PGPUB
3	BRS	L3	2	438/614.ccls. and (Bump or ball) and nickel and vanadium and gold and (gold adj solder)	USPAT; US-PGPUB
4	BRS	L4	2	438/614.ccls. and (Bump or ball) and nickel and vanadium and gold and (gold adj solder)	USPAT; US-PGPUB
5	BRS	L5	0	257/761.ccls. and (Bump or ball) and nickel and vanadium and (gold-solder)	USPAT; US-PGPUB

	Type	L #	Hits	Search Text	DBs
6	BRS	L6	0	257/763.ccls. and (Bump or ball) and nickel and vanadium and (gold-solder)	USPAT; US-PGPUB
7	BRS	L7	0	438/653.ccls. and (Bump or ball) and nickel and vanadium and (gold-solder)	USPAT; US-PGPUB
8	BRS	L8	0	438/652.ccls. and (Bump or ball) and nickel and vanadium and (gold-solder)	USPAT; US-PGPUB
9	BRS	L9	1008	(Bump or ball) and aluminum and titanium and gold and nickel and vanadium	USPAT; US-PGPUB
10	BRS	L10	143	L9 and solder	USPAT; US-PGPUB
11	BRS	L11	5	L10 and (gold adj solder)	USPAT; US-PGPUB
12	BRS	L12	260	L9 and (titanium adj oxide)	USPAT; US-PGPUB
13	BRS	L13	214	L12 and (etch or remov\$3)	USPAT; US-PGPUB
14	BRS	L14	470	438/614.ccls.	USPAT; US-PGPUB
15	BRS	L15	213	438/644.ccls.	USPAT; US-PGPUB
16	BRS	L16	277	438/654.ccls.	USPAT; US-PGPUB
17	BRS	L17	715	438/656.ccls.	USPAT; US-PGPUB

	Type	L #	Hits	Search Text	DBs
18	BRS	L1 8	456	L17 and titanium and oxide	USPAT; US-PGPUB
19	BRS	L1 9	345	L18 and (etch or remove or clean)	USPAT; US-PGPUB
20	BRS	L2 0	477	L17 and titanium and (oxide or oxidation)	USPAT; US-PGPUB
21	BRS		241 077	L15 and titanium and (oxide or oxidation)	USPAT; US-PGPUB
22	BRS	L2 2	213	438/644.ccls.	USPAT; US-PGPUB
23	BRS	L2 4	164	L16 and titanium and (oxide or oxidation)	USPAT; US-PGPUB
24	BRS	L2 3	139	L15 and titanium and (oxide or oxidation)	USPAT; US-PGPUB
25	BRS	L2 5	120	L23 and (etch or remove or clean)	USPAT; US-PGPUB
26	BRS	L2 6	130	L24 and (etch or remove or clean)	USPAT; US-PGPUB
27	BRS	L2 7	1	L19 and UBM	USPAT; US-PGPUB
28	BRS	L2 8	69	L19 and (solder or gold)	USPAT; US-PGPUB
29	BRS	L2 9	107	438/613.ccls.	USPAT; US-PGPUB
30	BRS	L3 0	470	438/614.ccls.	USPAT; US-PGPUB

	Type	L #	Hits	Search Text	DBs
31	BRS	L3 1	788	257/750.ccls.	USPAT; US-PGPUB
32	BRS	L3 3	115 7	257/737.ccls.	USPAT; US-PGPUB
33	BRS	L3 4	113	L33 and (bump or ball) and titanium and (oxide or oxidation)	USPAT; US-PGPUB
34	BRS	L3 5	6	L34 and (titanium adj oxide)	USPAT; US-PGPUB
35	BRS	L3 2	34	L31 and (bump or ball) and titanium and (oxide or oxidation)	USPAT; US-PGPUB